

Title (en)

TREATING A TUMOR OR THE LIKE WITH ELECTRIC FIELDS AT DIFFERENT FREQUENCIES

Title (de)

BEHANDLUNG EINES TUMORS ODER ÄHNLICHEM MIT ELEKTRISCHEN FELDERN BEI UNTERSCHIEDLICHER FREQUENZ

Title (fr)

TRAITEMENT D'UNE TUMEUR OU SIMILAIRE AVEC DES CHAMPS ELECTRIQUES A DES FREQUENCES DIFFERENTES

Publication

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Application

EP 05767642 A 20050421

Priority

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- US 56506504 P 20040423

Abstract (en)

[origin: WO2005115535A2] Cells that are in the late anaphase or telophase stages of cell division are vulnerable to damage by AC electric fields that have specific frequency and field strength characteristics. The selective destruction of rapidly dividing cells can therefore be accomplished by imposing an AC electric field in a target region for extended periods of time. Some of the cells that divide while the field is applied will be damaged, but the cells that do not divide will not be harmed. This selectively damages rapidly dividing cells like tumor cells, but does not harm normal cells that are not dividing. Improved results may be achieved by using a field with two or more frequencies.

IPC 8 full level

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